BRUHAT BANGALORE MAHANAGARA PALIKE

Yelahanka Zone, Electrical Division

Detailed Estime for Providing Street lights and ornamental lights in Attur ward no-03 of Yelahanka New Town Sub Division

Budget Head :

AEE/EE/YZ/EST/15/14-15

Ward No.3 Estimate No:- For Rs.5,00,000.00

Sl No	Description Of Work	Qty	Rate	Unit	Amount
	KPWD (Ele) S.R.2014-15				
1 P.No 22 I.No4.16	Supplying High pressure sodium vapour street light luminaire suitable for use with high pressure sodium vapour lamp with integrated control gear and grey colr powder coated. The fitting shall be non corrosive pressure die cast aluminium housing with high purity anodized aluminium housing with EPDM Gaskets suitable for Outer Dia of pole 40 mm -60 mm. Cable entry through a cable gland with toggle clips. IP65 protection for both optical & electrical compartment. Bottom cover may be with poly carbonate/tempered/ toughened glass.Luminaire efficiency should be > 60 % and ambient temperature >35 deg C. High Intensity Discharge electro magnetic ballast with copper winding of Orthocyclic winding coil. Class H insulated dual coated copper wire. Complaince to IEC 61347-2-9 Safety & IEC 60923-Performance. Winding Temperature rise " T=70 deg C. Luminaire shall be suitable to operate on 230/250 V 50 Hz AC supply finish including wiring , Ignitor, condenser, SS Toggles for opening front hingeable glass 250 Wattsa) Group 'A'	62	6900.00	Each	427800.00
2 P.No-108 I.No-17.1.2	Supplying & fixing of 32 mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. Using 32mm dia G.I pipe	62	893.00	Each	55366.00
3 P.No-15 I.No-3.3.1	Supplying and Fixing of Bakelite D.P/Socket/Switch with /Without neon indicator over existing wood board or flush mounting in plastic plates/nitches, as per IS 1293 and IS 3854 Using Group A material 32 Amps Flush/ projected type DP Switch	50	187.00	Each	9350.00
4 P.No-3 I.No-1.6.4	Supplying and flush mounting teak wooden box without front plant made of not less than 12mm thick wood, after due groove cutting, finishing with necessary cement plastering complete.8"X6"X3"	50	73.00	Each	3650.00

5 P.No-12 I.No-2.12.1	Wiring for lighting/power circuit using one of PVC insulated 1100v grade stranded Aluminium unsheathed wire single core/multi core cable in open or consealed system of wiring.as per IS-694:1990 4 sqmm	500	7.50	mtr	3750.00
	Miscellaneous				84.00
	TOTAL				**500000.00**

CERTIFICATE :-

1. The place was inspected and the work is essential.
2. The provision made in the estimate are adequate and necessary and the work comes in the BBMP limit and is legitimate Charges on the BBMP funds.
3. The estimate is based on KPWD (Ele) S.R.2014-15 Rates. Effective from 1-08-2014

Assistant Engineer (Ele)
Yelahanka Zone

Asst. Executive Engineer (Elecl)
Yelahanka Zone

EXECUTIVE ENGINEER (ELECL)
Yelahanaka Zone, BBMP

Administrative Sanction for Rs. 5.00 lakhs
(five Lakhs only)
POW 14-15
P-1771
Est No:- AEE/YNK/Est/15/14-15
Subject to conditions contained in
No A/Est No:- EE/Ele/Y2/AS/01/14-15 Rs 5.00 lakhs

Executive Engineer

TECHNICALLY Sanctioned for Rupees (five lakhs only) 5.00 lakhs
Under POW 14-15
Under P code - 1771
Regd A/S No EE/Ele/Y2/AS/02/14-15 Subject to conditions contained in
endst No
Dt 1/02/ Technically Sanctioned
Dated 5.00 lakhs

Executive Engineer